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<p>This report inventories the location, ownership, general construction type, permit number, and function of existing shoreline and shallow water structures in Falmouth and Woods Hole Harbors, Massachusetts, the two largest and the most navigable harbors in the Falmouth area. In addition to identifying coastal and nearshore structures, it documents the shoreline boundaries for Falmouth and Woods Hole Harbors as well as existing and proposed Federal and State Projects in the immediate area. Also, this report gives a description of the economy and a general history of the development of these areas.</p>			
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**Planning Assistance Report
Coastal Structures Inventory**

Woods Hole and Falmouth Harbors

Woods Hole and Falmouth, Massachusetts

November 1989



**US Army Corps
of Engineers
New England Division**

**FALMOUTH INNER HARBOR
&
WOODS HOLE HARBOR**



**Planning Assistance Report
COASTAL STRUCTURES INVENTORY**

**Department of the Army
New England Division, Corps of Engineers
Waltham, Massachusetts**

EXECUTIVE SUMMARY

The US Army Corps of Engineers, New England Division, prepared this report at the request of the Massachusetts Department of Environmental Quality Engineering under the provisions of Section 22 of the Water Resources Development Act of 1974 (Planning Assistance to the States) as amended. It supports the State of Massachusetts' efforts to inventory all existing Massachusetts' shoreline and nearshore structures. The report details the location, ownership, general construction type, permit number, and function of these structures in Falmouth and Woods Hole Harbors. Details were verified by field inspections in June and July, 1989 and therefore present a comprehensive picture of present conditions in these Harbors.

For Federal, State and Local planners, the report provides information from a variety of sources in a single volume. In addition to identifying coastal and nearshore structures, it documents the shoreline boundaries for Falmouth and Woods Hole Harbors as well as existing and proposed Federal and State Projects in the immediate area. Questions or comments concerning this report should be directed to:

**USAED New England
424 Trapelo Road
Waltham, Massachusetts 02254-9149
ATTN: Basin Management Branch**

TABLE OF CONTENTS

	Page
EXECUTIVE SUMMARY	2
TABLE OF CONTENTS	3
MAIN REPORT	
<u>I. INTRODUCTION</u>	
BACKGROUND	4
AUTHORITY	4
PURPOSE	4
<u>II. STUDY AREA</u>	
LOCATION AND GENERAL DESCRIPTION	5
LAND USE/HISTORY	7
INLAND LAND USE	9
TRANSPORTATION	8
<u>III. SUMMARY OF STRUCTURES</u>	
EXISTING FEDERAL NAVIGATION PROJECTS	10
LIST OF FACILITIES AND STRUCTURES - TABLE 1	11
PLATE 1 - FALMOUTH HARBOR	13
PLATE 2 -WOODS HOLE CHANNEL	14
PLATE 3 - LITTLE HARBOR	15
PLATE 4 - AERIAL PHOTOGRAPH IDENTIFICATION - FALMOUTH HARBOR	16
PLATE 5 - AERIAL PHOTOGRAPH IDENTIFICATION - WOODS HOLE HARBOR	17
APPENDIX - IDENTIFICATION AND DESCRIPTION OF STRUCTURES	18

I. Introduction

BACKGROUND

The Waterways Regulation Program is administered by the Department of Environmental Quality Engineering, (DEQE). It exists to implement Chapter 91 of Massachusetts General Laws, (MGL c. 91), and Code of Massachusetts Regulation 310 chapter 9.00, (310 CMR 9.00). Chapter 91 requires that the Massachusetts DEQE review and authorize the placement of structures and fill and dredging operations in State waterways. Regulation 310 chapter 9.00 contains the procedures for the issuance of a Chapter 91 license and defines the methods applied by the DEQE to evaluate license applications. This report supports the Department of Environmental Quality Engineering's efforts to inventory existing shoreline structures along the Massachusetts coast.

AUTHORITY

In accordance with the provisions of Section 22 of the Water Resources Development Act of 1974, Public Law 93-251, as amended, the New England Division of the Corps of Engineers prepared this report at the request of the Massachusetts Department of Environmental Quality Engineering.

PURPOSE

This report inventories the location and function of existing shoreline and shallow water structures in Falmouth and Woods Hole Harbors, the two largest and the most navigable harbors in the Falmouth area. Navigational facilities in the harbor areas are shown on Plates 1, 2 and 3. Additionally, the report provides a description of the economy and a general history of the development of these areas.

II. Study Area - Falmouth Harbor

DESCRIPTION

The town of Falmouth is located in Southeastern Massachusetts, approximately seventy-five miles south of Boston on the southwestern tip of Cape Cod. The inner harbor is shown on Plate 1 and is about four miles North East of Nobska Point, roughly midway along the South Coast of Falmouth. It is used primarily by fishing and recreational craft and is a popular center for charter excursions and sport fishing boats.

Formerly called Deacon's Pond, Falmouth Harbor was originally a quiet pond separated from Vineyard Sound by a causeway. In 1906 Deacon's Pond was chosen as the site for a new harbor and a Harbor Committee was formed to finalize plans. The plan selected called for dredging five and three quarter acres of the pond to a depth of seven feet at mean low water and dredging a channel 300 feet wide. The harbor was to be protected by two rip rap jetties. The westerly jetty was to extend 325 feet into Vineyard Sound and the easterly would extend 175 feet. The harbor, thus built, opened on 10 September 1908.

Since opening, the harbor has experienced much growth and many changes. In 1910 the channel was widened to permit large schooners to enter enhancing Falmouth's commercial capabilities. In 1921 the harbor was redredged and the jetty on the west side was extended another 100 feet to protect against littoral drift and consequent shoaling.

In 1953 the town purchased the land at the north end of the harbor and constructed Davis Marine Park and a public boat landing. To accommodate larger boats, harbor improvements completed in 1957 by the Corps of Engineers, dredged the harbor channel to 10 feet deep and 100 feet wide from Nantucket Sound into the inner harbor. The project also opened 17 additional acres in the inner harbor to the same depth and repaired the two existing jetties at the entrance. Dredged materials from the harbor were placed on the town beach at Falmouth Heights, thus providing additional beach area as well as added protection to the shore.

Other improvements include a bulkhead and boat launching ramp built at Davis Park. In 1959 a town Marina with bulkheads, finger piers and berths opened. The town also maintains a landing wharf inside the West Entrance and boat docking space at the Tides bulkhead on the east side.

Boating and tourist industries built up along the shore and long established boatyards like Falmouth Marine on Scranton Avenue and MacDougall's Cape Cod Marina on Falmouth Heights Road, were joined by restaurants, condominiums, and yacht enterprises. Additionally, the ferry to Oak Bluffs on Martha's Vineyard runs from Falmouth harbor during the summer.



The former pond has become a fully developed, very popular harbor, and is experiencing some growing pains as well as benefits associated with this popularity. In addition to the common problems of overcrowding and excess traffic, Falmouth's bulkheads are deteriorating below the surface. A recent underwater survey indicates many large openings on all of the public bulkheads, allowing large amounts of sand to seep into the harbor and causing large sink holes to appear in the roadways and parking areas behind the bulkheads. To remedy the situation, the town has approved a \$1.7 million bond to pay for the necessary construction scheduled to begin in October, 1989, and be completed in May, 1990.



Study Area - Woods Hole

Woods Hole is the principal port and ferry terminal on the mainland for traffic to Nantucket, Marthas Vineyard and the Elizabeth Islands and is located on the most Southwestern part of the Cape Cod Peninsula. It was originally a village of Falmouth accessible only by foot path or by boat. Early settlements were made around Little Harbor which had easy access to Buzzards Bay and Vinyard Sound and was protected from the open bay. The primary economic staples of the area were fishing and whaling and, until the opening of the Cape Cod Canal, the area experienced major commercial shipping traffic.

The completion of the Cape Cod Canal in 1940 by the Corps of Engineers shortened the trip for commercial shippers, enabling them to bypass Woods Hole. The loss of commercial shipping forced Woods Hole's economy to become dependent on tourism. The area also became the base for Marine Biology Studies for the country when, in 1882, the National Marine Fisheries Service Laboratory opened there. It is currently the base for the three leading Marine Laboratories in the world. They are the Marine Biological Laboratory, the Woods Hole Oceanographic Institute, and the National Marine Fisheries Service. These institutions have expanded the knowledge of the world regarding the oceans, the life forms therein, and the preservation and enhancement of both these resources. They have helped Woods Hole to evolve from a sleepy seaside farming village to the nascent fisheries science base of the late 1800's to the present world famous center for marine and biological sciences.

The two well known navigational areas here are Woods Hole Channel and Little Harbor. Woods Hole Channel, completed by the Corps of Engineers in June of 1896, is a narrow passage from Vineyard Sound to Buzzards Bay between the Southwestern tip of Cape Cod and Noonamesset Island, the Northeast most island in the Elizabethan chain. Travelers going to the Islands of Martha's Vinyard and Nantucket use this channel. During the 1870's the Corps of Engineers cleared navigation hazards and constructed a breakwater at the Woods Hole Channel entrance to insure that boats can travel through the channel into Great Harbor and then into the anchorages at Eel Pond, accessible through a draw bridge in the center of the town. The Corps also constructed stone piers and retaining walls at the wharfs in Great Harbor.

Little Harbor is located on the eastern portion of Woods Hole on the peninsula at the Southwestern end of Cape Cod. See Plate 3. The area is the base for the Steamship Authority's Woods Hole Ferry to Nantucket and Martha's Vineyard as well as a very popular mooring area. The U.S. Coast Guard maintains a station and vessels in the harbor. The Corps of Engineers project here was completed in 1906 and consists of a channel 1600 feet long extending from Vineyard Sound to the Coast Guard Wharf. A turning basin, 12 feet deep and 250 feet wide was also constructed in front of the wharf. In 1965 the Coast Guard deepened the channel to a depth of 17 feet to accommodate larger vessels.

LAND USE

Falmouth Village was settled by Quakers in 1660 and incorporated under the name Sukanesset in 1606. The name Falmouth first appeared in 1694 for Falmouth England, the home port of Bartholemew Gosnold who explored the Cape Cod Shore in 1602. Woods Hole was originally considered a part of the Falmouth Village area and was later named for the water passage or "hole" between Penzance Point and Nonamesset Island.

Major growth in the area did not occur until 1910. One factor stimulating this growth has been the increase in available, good transportation from places like Boston, Worcester and even New York. The completion of Routes 28, I-495, I-195, and the newly completed Route 25, all made Falmouth, Woods Hole, and Cape Cod in general more accessible.

Another factor in the area's growth has been the increase in year round jobs in the scientific and service industries. As more people settle in Falmouth year round the service industry is able to grow and cater to this population. Tourism is the basis of the economy and although it is gradually establishing itself as a year round commodity, summer is still the most profitable time of year for the service industry. The year round population is little more than 26,000 residents whereas the visitors in the summer number more than 40,000. There are approximately 16,000 dwelling units of which 40% are summer only. Agriculture, forestry, and fishing, formerly the principal source of employment, now employ less than 2% of the work force and there is very little manufacturing.

The Scientific Community in Woods Hole has grown significantly since 1910 attracting professionals from all over the world who settle in the area either full or part time. This Community lends a special character to the environment while employing many local residents. There are currently three major scientific institutions based in Woods Hole. They are: the National Marine Fisheries Service, the first marine laboratory in the country; the Marine Biological Laboratory; and the Woods Hole Oceanographic Institute. In addition, the National Academy of Sciences has a base in Quisset.

In great respect due to this diverse population, Falmouth offers many amenities found only in larger cities and towns. It has its own hospital, an artists guild, thirteen houses for religious denominations, a music conservatory, sports center with an ice rink, and an excellent public school system. In both Falmouth and Woods Hole harbors are numerous good restaurants, bars, hotels, and shops. The area also has 68 miles of seashore and 10 public, town owned beaches.

INLAND LAND USAGE

Inland of the harbor areas is mostly residential. Falmouth does boast large tracts of Conservation and Park land for recreation and wetland purposes. Among these are the Coonamessett River Reservation, 114 acres of bogs which was acquired by the town in 1971; the Shining Sea bikeway, a three mile stretch of abandoned railroad bed; the small Falmouth Historical Park and the Village Green; and 387 acres at Beebe Woods. Additionally, the Massachusetts' Department of Environmental Management runs the 334 acre Washburn Island State Park.

There are also scattered inns, hotels and shopping areas throughout the area as tourism is not confined to the coastal areas. The cultural side of life in Falmouth has long been very important. The Falmouth Playhouse attracts tourists and residents alike to its theater and concerts. Another theater is the Highfield Theater in the Beebe Woods reservation.

TRANSPORTATION

Falmouth and Woods Hole Harbors are both accessible by Route 28 over the Bourne Bridge now directly connected to Interstate Route 495 via State Highway 25 placing the harbors about one and one half hours from Boston, Massachusetts. Providence, Rhode Island is about the same distance via Interstate Route 195 and State Highway 25.

There is an airport in Hyannis, about 30 minutes from Falmouth, which services the Cape Islands and Boston. Boston Logan International Airport is one and one half hours away with world wide connections. New Bedford, Massachusetts and Warwick, Rhode Island airports are about the same distance. These service many national carriers, feeders and air taxis. Falmouth has a municipal airport for private carriers.

Both Falmouth and Woods Hole are directly accessible from Vineyard Sound and Nantucket Sound and the harbors service commercial boats from Buzzards bay and New Bedford. Since the opening of the Cape Cod Canal these harbors are used less by commercial shippers from other areas.

III. Summary of Structures

EXISTING FEDERAL NAVIGATION PROJECTS

<u>Date Authorized</u>	<u>Authority</u>	<u>Work Authorized</u>
Falmouth Inner Harbor		
30 June 1948	RHA - 1948	Dredging an entrance channel 10 feet deep, 100 feet wide from Nantucket Sound to the Harbor; dredging 17 acres in the Inner Harbor to the same depth plus repair jetties at the Harbor entrance
Woods Hole Channel		
3 June 1896	RHA - 1896	Existing Project - channel 13 feet deep, 300 feet wide Modifications and Extensions
2 August 1882	RHA - 1882	
3 March 1879	RHA - 1879	Channel 10 feet deep, 130 feet wide
30 August 1952	RHA - 1952	Breakwater - completed by others
Little Harbor, Woods Hole		
March 1905	RHA - 1905	Channel 12 feet deep, 150 feet wide and 1,600 feet long from Vineyard Sound to the Coast Guard Wharf at NW side of the Harbor, with a turning basin 12 feet deep, 250 feet wide in front of the wharf.

LIST OF FACILITIES AND STRUCTURES

Table 1, below, identifies the major port facilities in Falmouth and Woods Hole. This list corresponds to the aerial photograph identifications made on Plates 4 and 5. The database in the appendix supplements this information by listing address, location and pertinent remarks for the facilities. Corps of Engineers and Commonwealth of Massachusetts DEQE permits issued after 1978 are included in the remarks section of the Appendix. The absence of either permit from the database does not mean that a required permit has not been issued. Information on Corps of Engineers and Massachusetts DEQE permits issued prior to 1978 has been archived and retrieval of that information was beyond the scope of this study effort. No attempt was made to identify corresponding local permits.

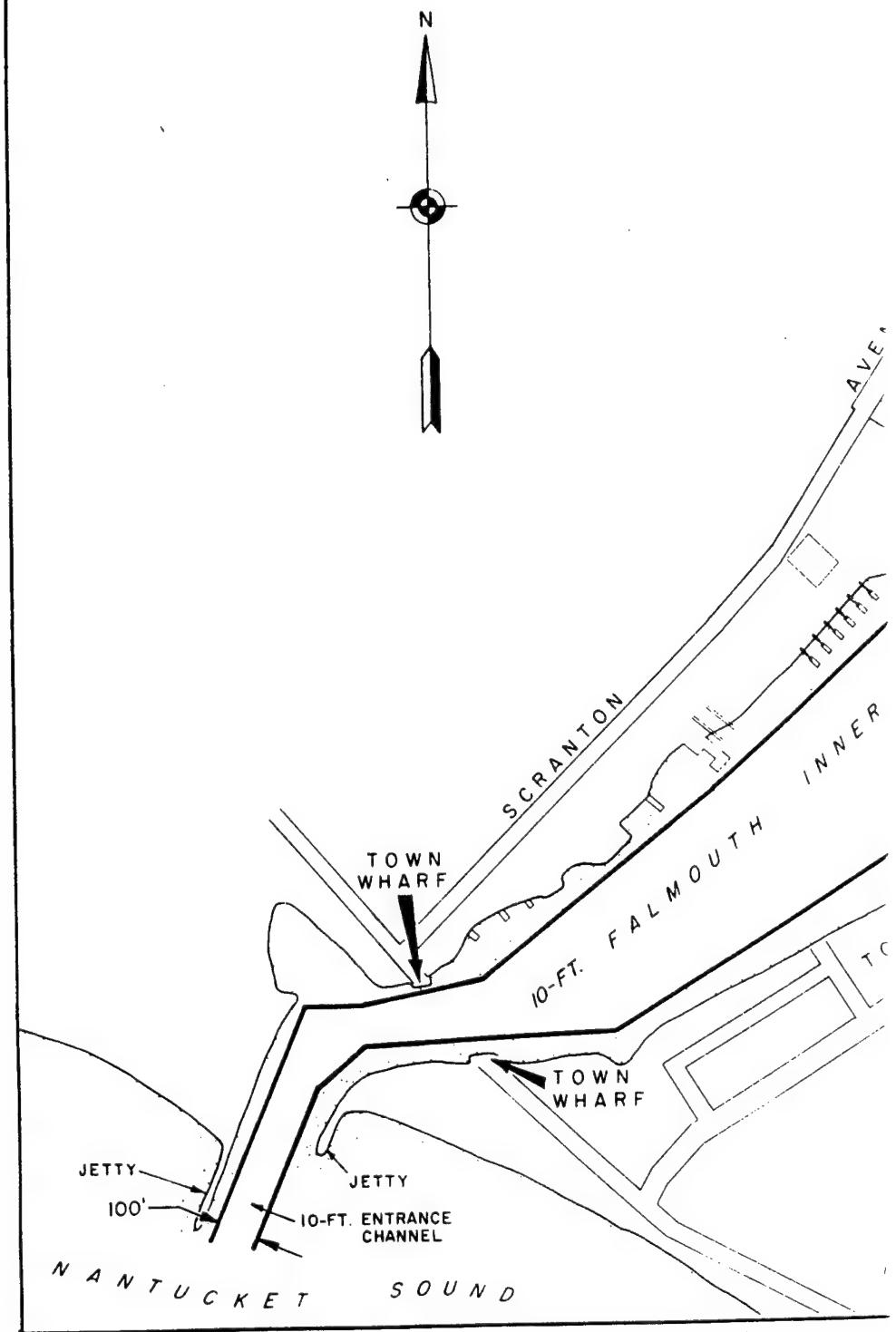
TABLE 1
Major Port Facilities and Structures
Falmouth Harbor

<u>Map #</u>	<u>Owner</u>	<u>Facility/Structure</u>
01	Town of Falmouth	Town Landing and Jetty
02	Falmouth Yacht Club	Stone Bulkhead
03	William Gallagher	Residence
04	John Morley	Residence
05	Town of Falmouth	Beachfront Park
06	MacDougall's Marina	Bulkheads for Marina
07	Boatyard Condo. Development	Bulkhead
08	Studio Motel	Finger Piers
09	P&J's Realty Trust	Bulkhead
10	James Dicostanzo	Bulkhead
11	Peter Mareb	Bulkhead
12	Rosemarie Sarno	Bulkhead
13	Island Commuter Corp.	Bulkhead and Landing
14	Douglas Pool	Bulkheads for Marina
15	Town of Falmouth	Town Landing
16	Town of Falmouth	Bulkhead
17	George L. Barbour	Bulkhead
18	Pier 37 Associates	Bulkhead
19	George L. Barbour	Bulkhead
20	Town of Falmouth	Bulkhead and slips
23	Falmouth Marine	Bulkhead and slips
24	Falmouth Marine	Bulkhead and slips
25	Private Residence	Bulkhead and dock
26	Private Residence	Seawall and Revetment
27	Falmouth Yacht Sales	Seawall and Bulkhead
29	Commonwealth of Massachusetts	Jetty and Bulkhead

Woods Hole Harbor

<u>Map #</u>	<u>Owner</u>	<u>Facility</u>
01	Town of Woods Hole	Stone Jetty and Pier
02	Town of Woods Hole	Stone Jetty and Pier
03	Private Residence	Wood Pier and Pilings
04	Town of Falmouth	Rip Rap
05	Private Residence	Stone Jetty
06	Town of Falmouth	Sea Wall
07	Town of Falmouth	Sea Wall
08	Thomas H. Balantine	Bulkhead and Pier
09	Town of Woods Hole	Town Landing, Bulkhead , Pier
10	United States Coast Guard	Wharf
11	Charles M. Crane	Stone Jetty and Dock
12	Max M. Burger	Pier and Pilings
13	Town of Falmouth	Rip Rap
14	Private Ownerships	Shoreline
15	Silvia Crane	Stone Jetty and Dock
16	Woods Hole Steamship Authority	Wharf
17	Naushon Trust	Wooden Bulkhead and Pier
18	William A. Estes	Bulkhead
19	Fishmonger's Restaurant	Bulkhead and Pier
20	Woods Hole Oceanographic Inst.	Steel Bulkhead
21	Marine Biology Laboratory	Wharf
22	Town of Woods Hole	Sea Wall
23	Town of Woods Hole	Sea Wall containing Park
24	U.S. Fish Commission	Stone Jetties and Dolphin Piers
25	Town of Woods Hole	Town Landing and Jetty
26	Woods Hole Marina	Wooden Piers and Pilings
27	Town of Woods Hole	Town Landing
28	Private Residence	Stone Bulkhead
29	Private Residence	Stone Jetty and Dock
40	Woods Hole Oceanographic Inst.	Bulkhead
41	Private Residence	Bulkhead
42	Woods Hole School Dept.	Sea Wall
43	Private Residence	Stone Bulkhead
44	Marine Biology Laboratory	Stone Wharf and Timber Piers
45	Town of Woods Hole	Town Landing
46	Shirley Baker	Wooden Bulkhead
47	William Crowley	Wooden Bulkhead
48	Marine Biology Laboratory	Wooden Bulkhead

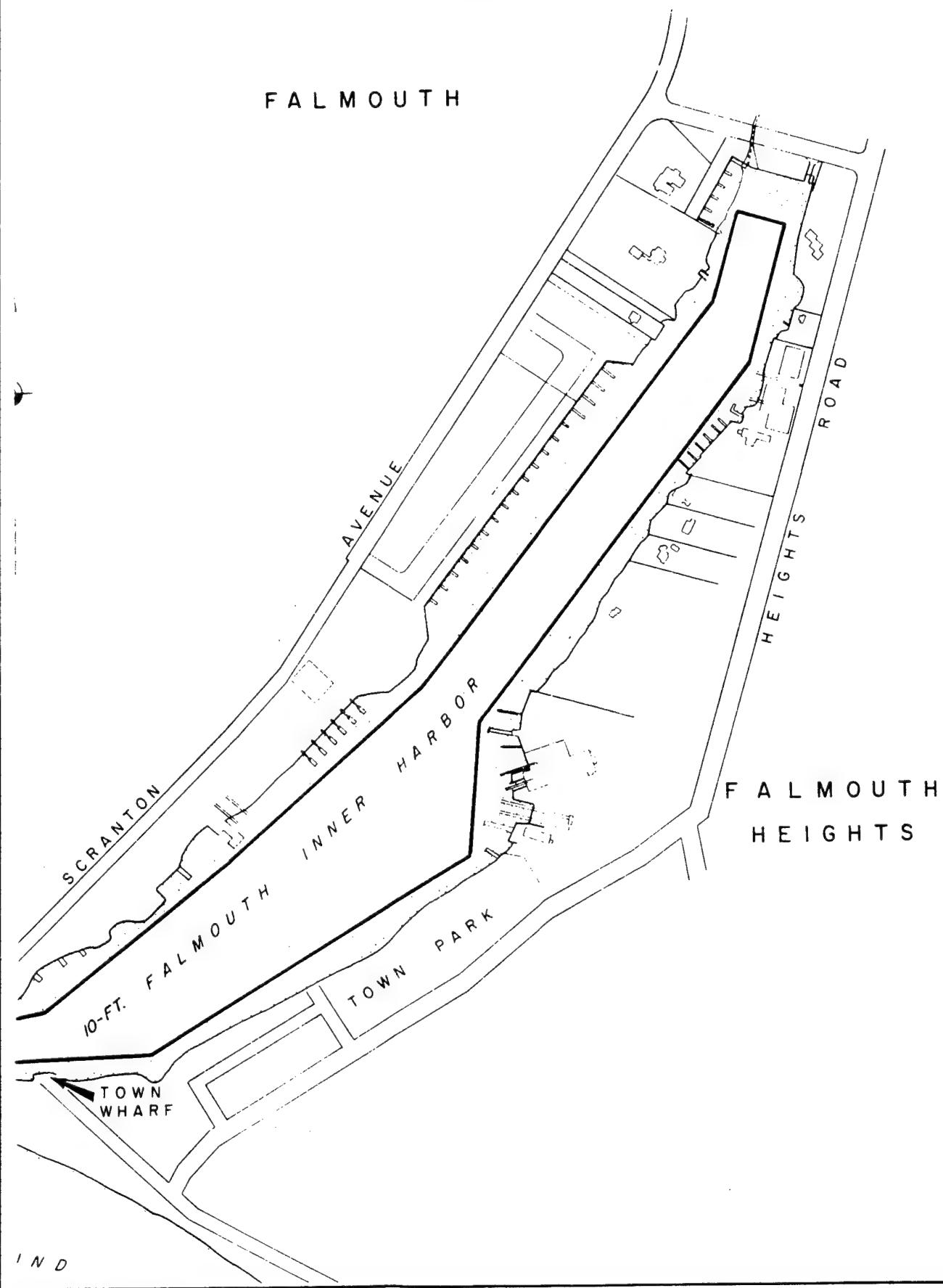
FALMOUTH



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FALMOUTH

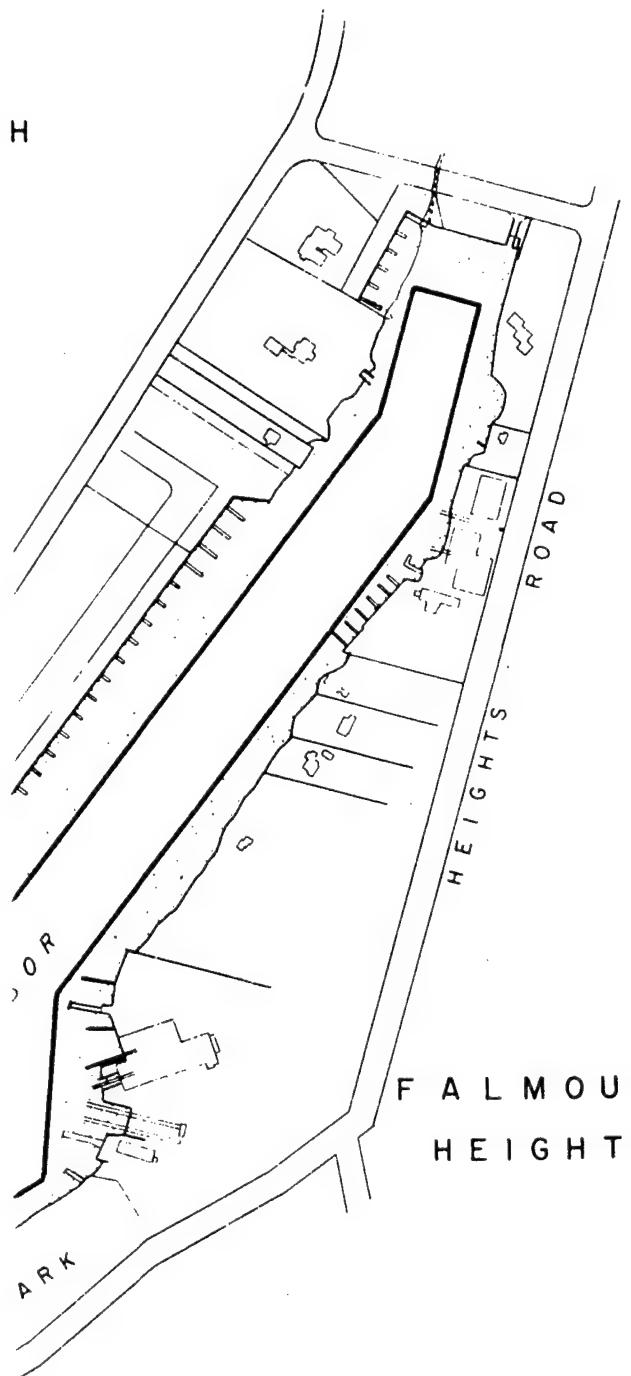


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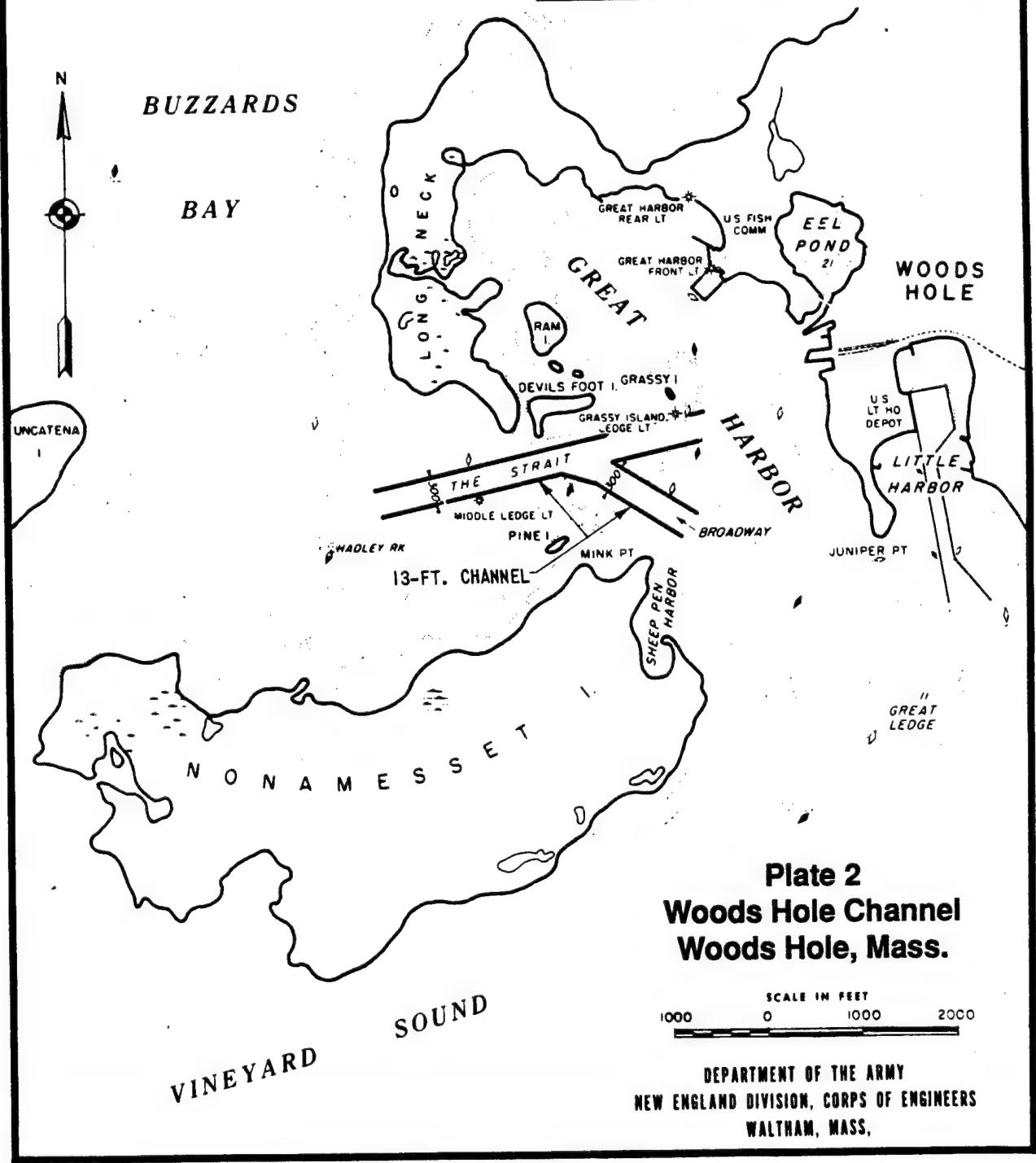
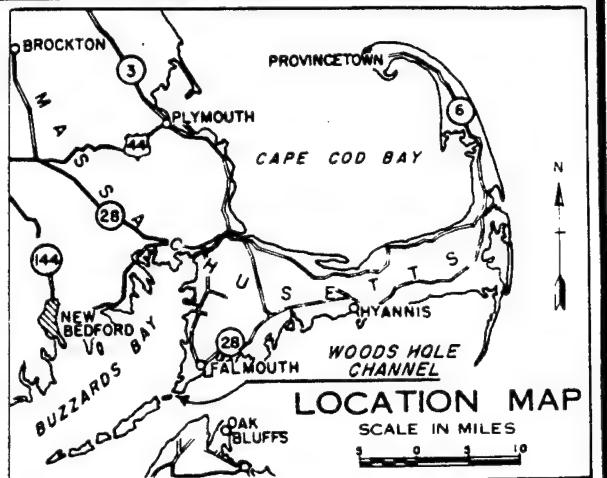
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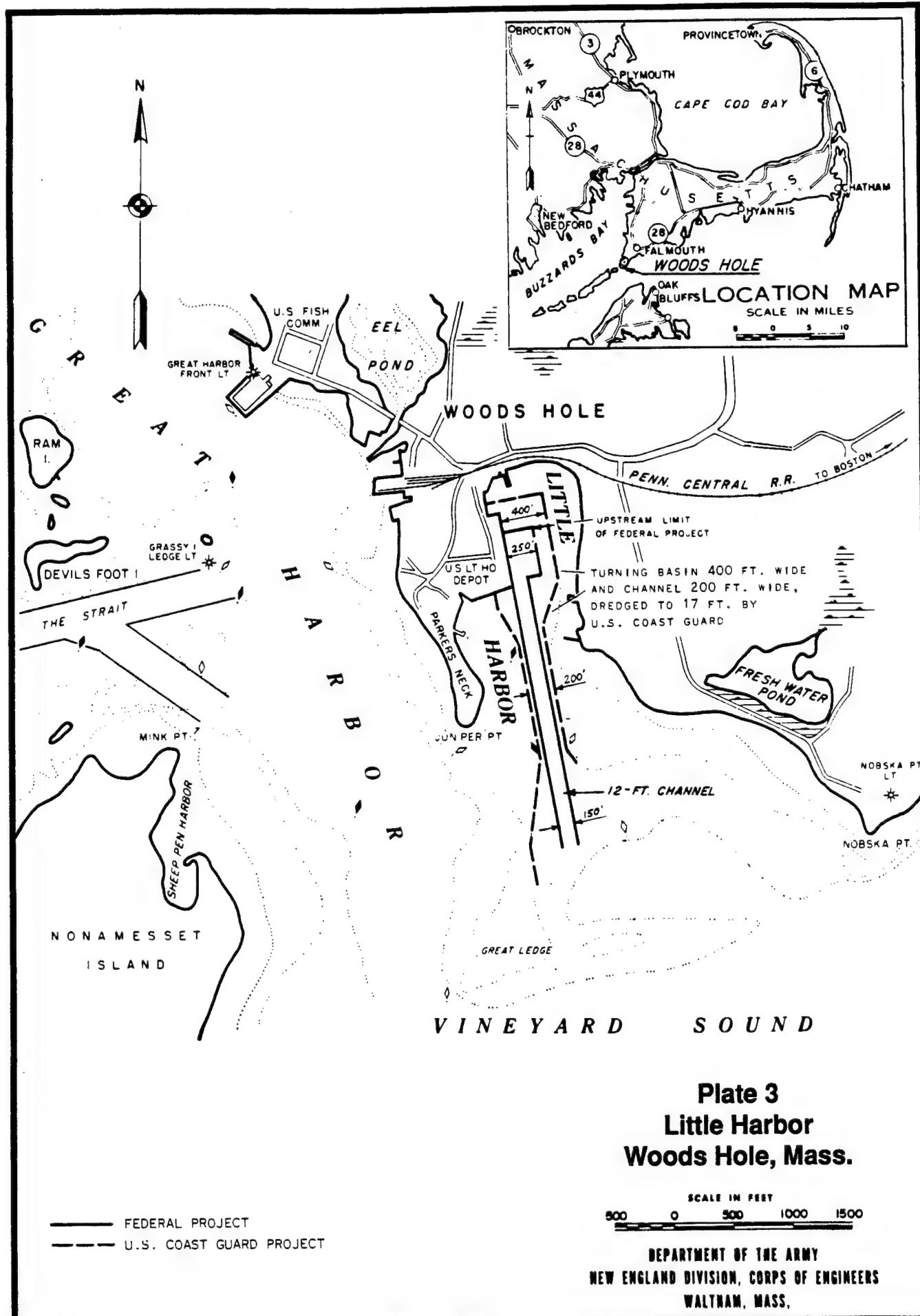
Plate 1
Falmouth Harbor
Falmouth, Mass.

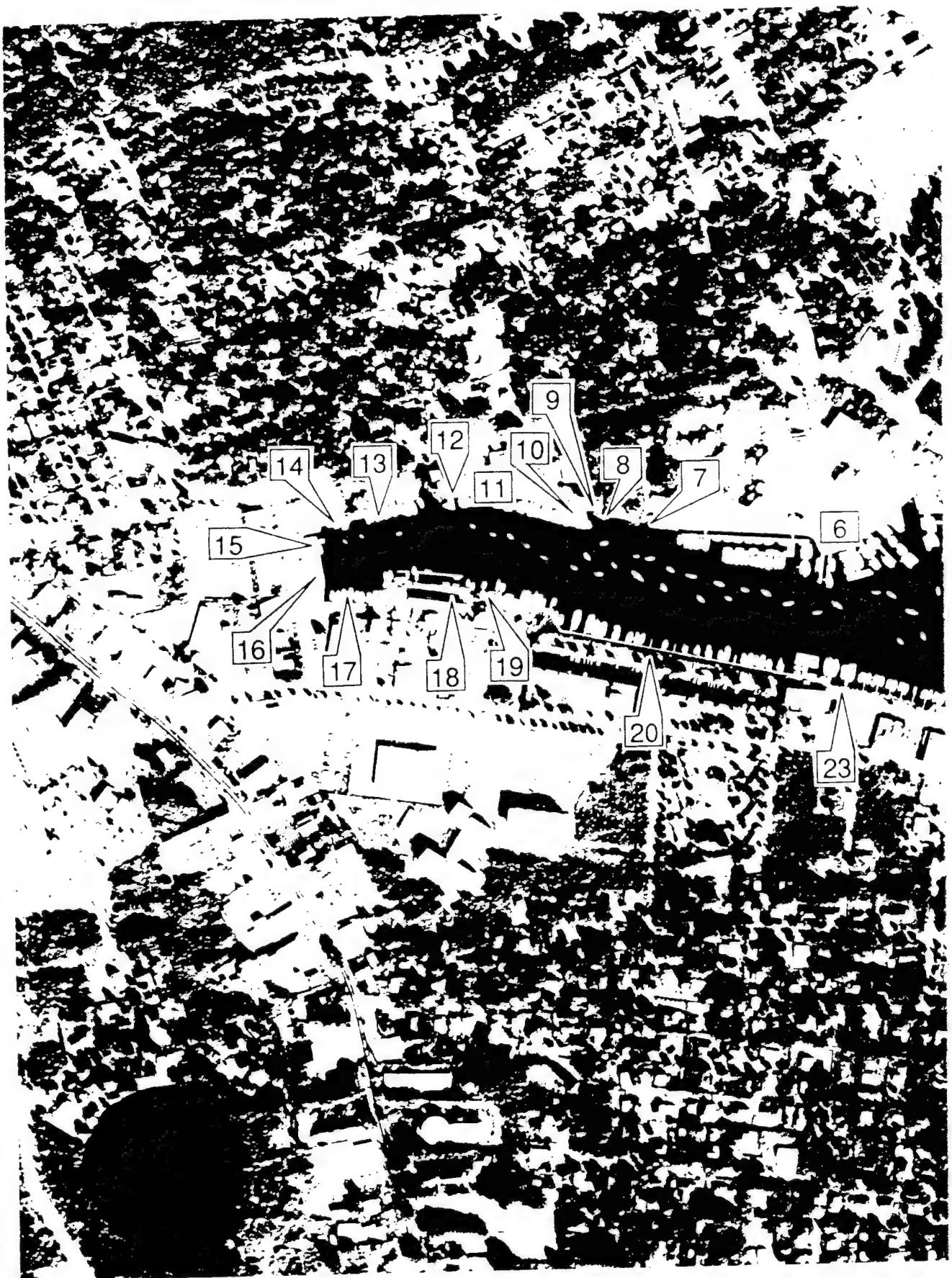
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DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION, CORPS OF ENGINEERS
WALTHAM, MASS.

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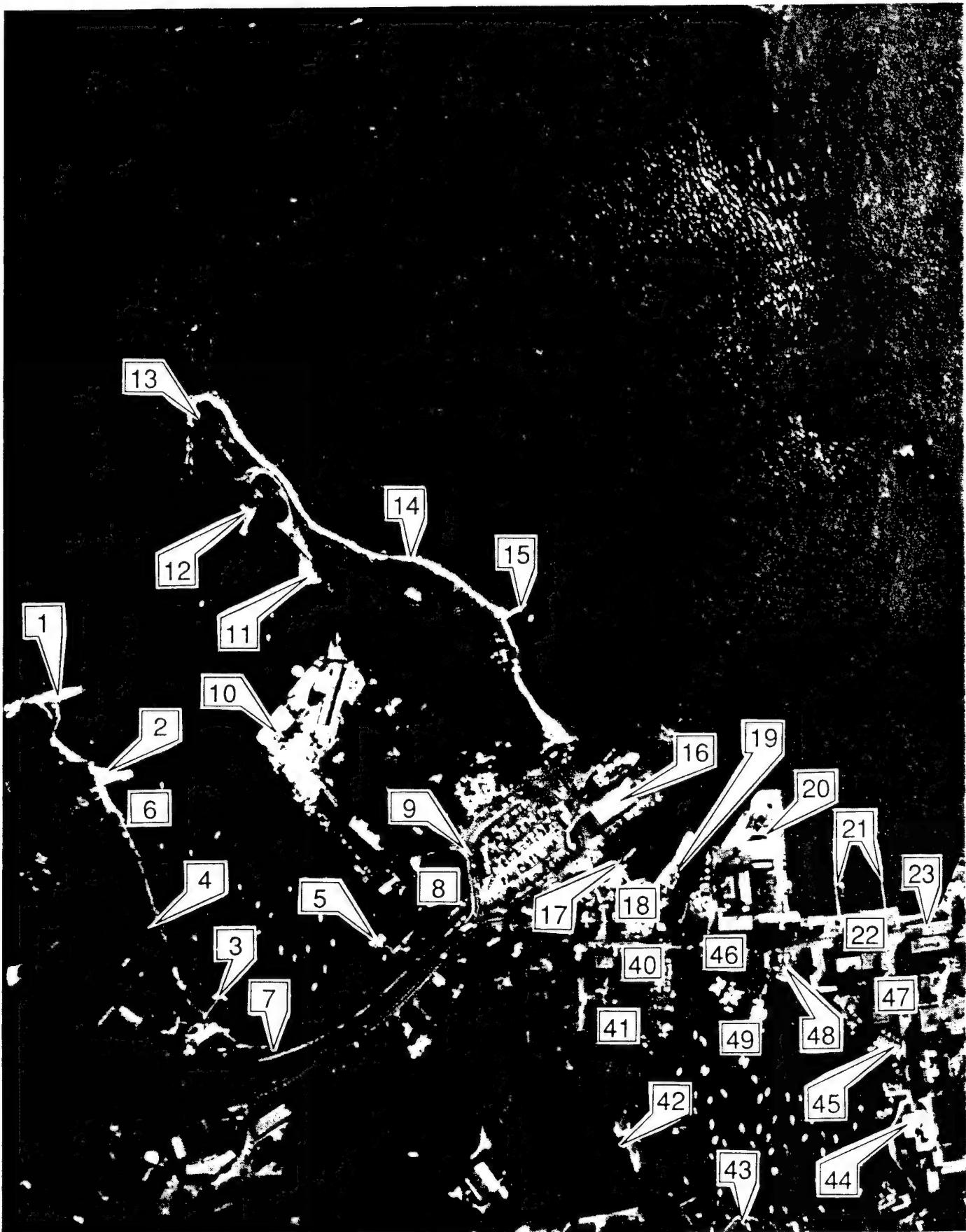
Planning Assistance Report
Coastal structures inventory
Falmouth, Massachusetts

Key

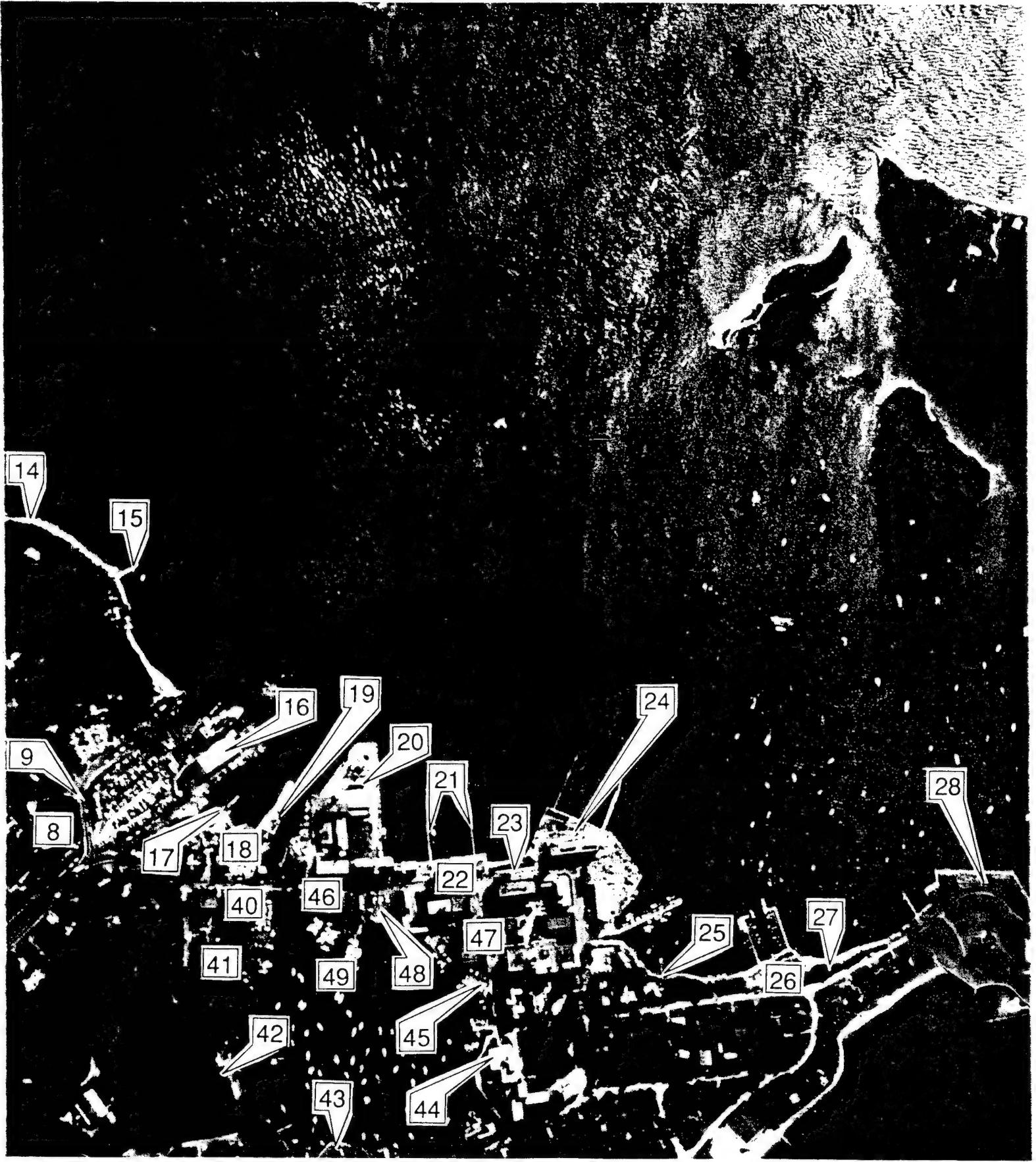
- 1** Coastal structure site



Plate 4
Falmouth Harbor



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Planning Assistance Report
Coastal structures inventory
Woods Hole, Massachusetts

Key

- 1** Coastal structure site

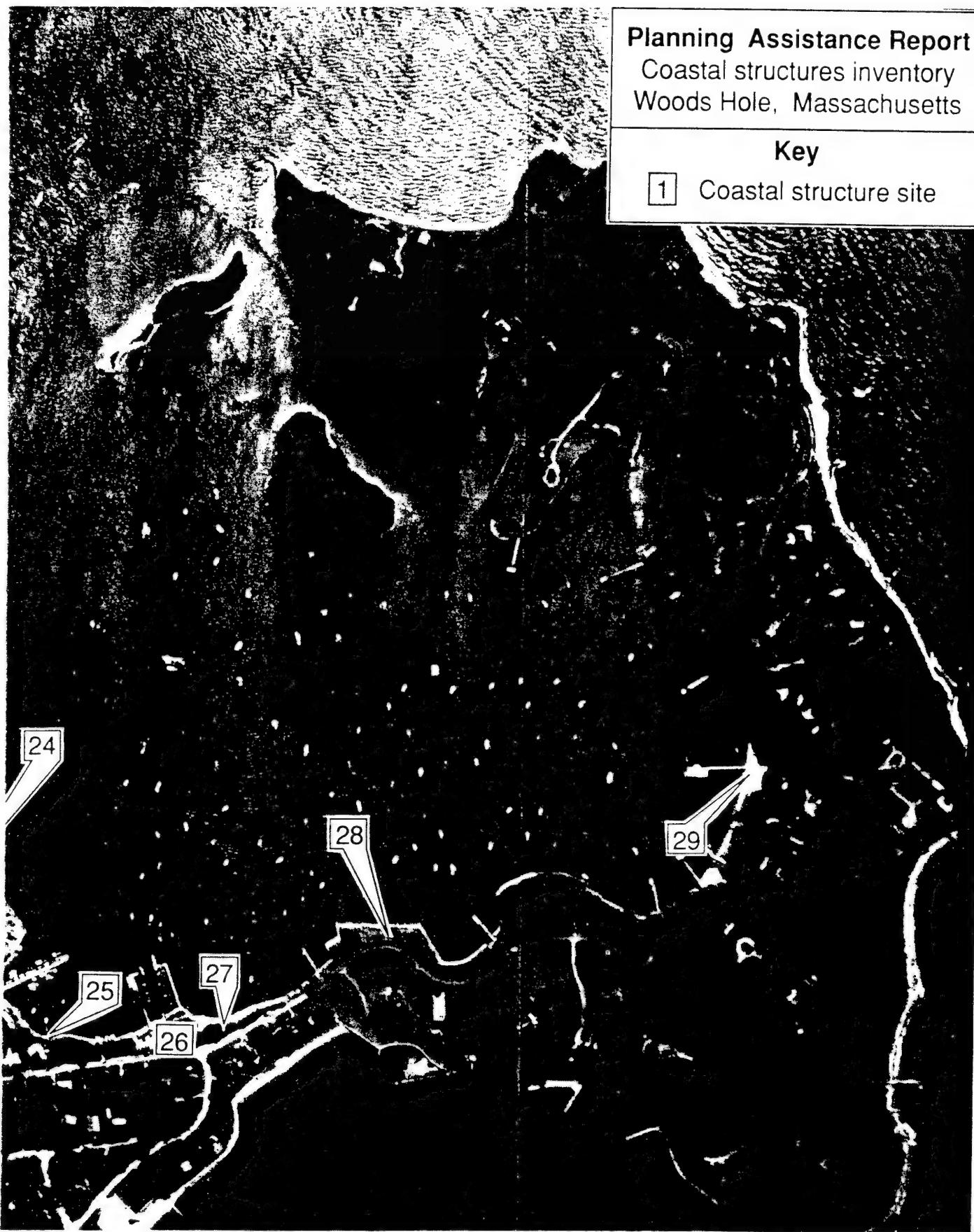


Plate 5
Woods Hole & Little Harbor

APPENDIX
IDENTIFICATION AND DESCRIPTION OF STRUCTURES

FALMOUTH



001

Structure: Town landing and jetty

Address: Clinton Avenue

Owner: Town of Falmouth

Location on waterfront: Entrance to harbor

Remarks:

002

Structure: Stone Bulkhead for Falmouth Yacht Club, Inc.

Address: Clinton Avenue

Owner: Falmouth Yacht Club

Location on waterfront: Inner Harbor

Remarks:

Corps of Engineers permit #820137 dated 16 December 1982
for rehabilitation of stone bulkhead.

Structure: 003
Private Residence

Address: Clinton Ave.
Owner: William Gallagher
Location on waterfront: Inner Harbor

Remarks:
Commonwealth of Massachusetts permit #1285

Structure: 004
Private residence, beachfront

Address: Deacon's Avenue
Owner: John Morley
Location on waterfront: Inner Harbor
Remarks:

005

Structure: Beach and Park, 1.18 acres

Address: Deacon's Avenue
Owner: Town of Falmouth
Location on waterfront: Inner Harbor

Remarks:
Mooring area, beach frontage

006

Structure: MacDougall's Marina

Address: Falmouth Heights Road
Owner: MacDougall's Cape Cod Marine
Location on waterfront: Inner Harbor, West

Remarks:
Beach frontage, docks and slips
Commonwealth of Massachusetts permit #1352
Corps of Engineers permit #830158 dated 30 March 1983 for
repairing bulkheads.

007
Structure: Bulkhead for The Boatyard Condominium Developme
Address: Falmouth Heights Road
Owner: Various private ownerships
Location on waterfront: Inner Harbor, West
Remarks:

008
Structure: Piers for The Studio Motel
Address: Falmouth Heights Rd.
Owner: Paul E. Ferrazzi et. al.
Location on waterfront: Inner Harbor, West
Remarks:
Corps of Engineers permits #850334 dated 16 December 1985
and #860552 dated 4 December 1986 for pier construction.

Structure:

009
Bulkhead

Address:

Falmouth Heights Rd.

Owner:

P&J's Realty Trust

Location on waterfront: Inner Harbor, West

Remarks:

Commonwealth of Massachusetts Permit #2112-880271
Corps of Engineers permit #840362 dated 10 May 1984 for
bulkhead and landing.

Structure:

010
Bulkhead

Address:

Falmouth Heights Road

Owner:

James G. DiCostanzo

Location on waterfront:

Inner Harbor, West

Remarks:

Private residence

011

Structure: Bulkhead for East Marine Boat Storage and Marit

Address: Falmouth Heights Road

Owner: Peter Mareb

Location on waterfront: Inner Harbor, North West

Remarks:

Bulkhead

012

Structure: Bulkhead

Address: Falmouth Heights Road

Owner: Rosemarie Sarno

Location on waterfront: Inner Harbor North West

Remarks:

Retail Business

013

Structure: Bulkhead for Ferry Landing area

Address: Falmouth Heights Rd
Owner: Island Commuter Corporation
Location on waterfront: Inner Harbor, North West

Remarks:
Ferry to Martha's Vineyard lands here

014

Structure: Falmouth Harbor Yacht Sales and Marina

Address: Falmouth Heights Rd.
Owner: Douglass Pool
Location on waterfront: Inner Harbor, North West
Remarks:

Structure:

015
Town Landing

Address:

Falmouth Heights Rd.

Owner:

Town of Falmouth

Location on waterfront: Inner Harbor, North

Remarks:

Structure:

016
Bulkhead

Address:

Falmouth Heights Rd.

Owner:

Town of Falmouth

Location on waterfront: Falmouth Inner Harbor, North

Remarks:

Park area here, town green

Corps of Engineers permit #850337 to Town of Falmouth for placement of pilings.

017

Structure: Bulkhead, Falmouth Gun and Tackle

Address: 21 Scranton Avenue

Owner: George L Barbor

Location on waterfront: Falmouth Inner Harbor, North

Remarks:

Commonwealth of Massachusetts permit #1369

018

Structure: Bulkhead, Pier 37 Associates Marina

Address: 35 Scranton Avenue

Owner: Pier 37 Associates

Location on waterfront: Falmouth Inner Harbor, North

Remarks:

Corps of Engineers Permit #830735 dated 18 January 1984
for bulkhead and landing

Structure:

019
Bulkhead, private residence

Address:

110 Scranton Avenue

Owner:

George Barbour

Location on waterfront:

Falmouth Inner Harbor

Remarks:

Corps of Engineers permit #881322 to Barbour Marine for
mooring permits.

Commonwealth of Massachusetts permit #1369 to Ethel Barbour

Structure:

020
Bulkhead, boat slips and park area

Address:

Scranton Avenue

Owner:

Town of Falmouth

Location on waterfront:

Falmouth Inner Harbor, North West

Remarks:

Corps of Engineers Permits #830526 dated 15 August 1983 and
#850337 dated 17 May 1985 for pile construction.

023

Structure: Bulkhead and Boat Slips

Address: 278 Scranton Avenue

Owner: Falmouth Marine, Inc.

Location on waterfront: Falmouth Inner Harbor, North West

Remarks:

Commonwealth of Massachusetts Permit #1958-89-0002 for
existing structure

024

Structure: Bulkhead and Slips for Falmouth Marine

Address: Scranton Ave.

Owner: Falmouth Marine Inc.

Location on waterfront: Falmouth Inner Harbor, North West

Remarks:

Corps of Engineers permit #880155 to Falmouth Waterways for
placement of pilings.

Commonwealth of Massachusetts permit #1958-89-0002

025

Structure: Bulkhead and dock

Address: 344 Scranton Avenue

Owner: Private Residence

Location on waterfront: Falmouth Inner Harbor, North West

Remarks:

Corps of Engineers permit #880159 to David Wald for pilings
and dolphin piers

026

Structure: Seawall and Revetment

Address: Scranton Avenue, Lot 3

Owner: Private Residence

Location on waterfront: Falmouth Inner Harbor, North West

Remarks:

Corps of Engineers permit #880156 to Wormelle family for
bulkhead, deck and pilings.

Commonwealth of Massachusetts permit #907-87-0279.

027

Structure: Seawall and Bulkhead

Address: Scranton Avenue

Owner: Falmouth Yacht Sales, Inc.

Location on waterfront: Falmouth Inner Harbor, West

Remarks:

Regatta Restaurant and Clam Shack here also

029

Structure: Jetty and Bulkhead

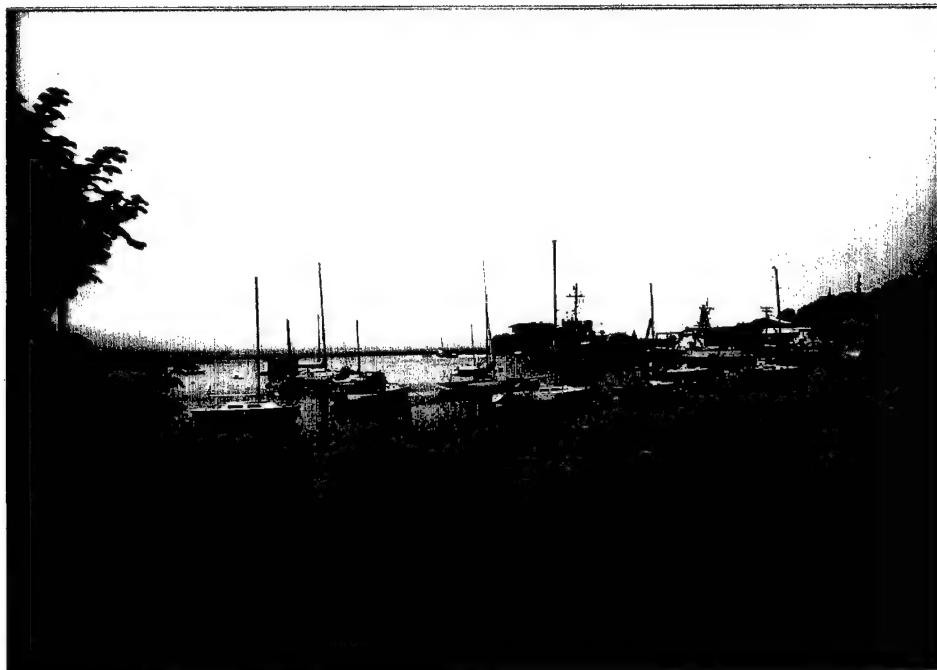
Address: Scranton Avenue

Owner: Commonwealth of Massachusetts

Location on waterfront: Falmouth Harbor, Western Entrance

Remarks:

WOODS HOLE



1
Structure: Stone Jetty and Pier

Address: Little Harbor Rd.
Owner: Town of Woods Hole
Location on waterfront: Little Harbor

Remarks:

2
Structure: Stone Jetty and Pier

Address: Little Harbor Rd.
Owner: Town of Falmouth
Location on waterfront: Little Harbor

Remarks:

3
Structure: Pier, wood construction with pilings
Address: Little Harbor Rd.
Owner: Private Residence
Location on waterfront: Little Harbor

Remarks:

4
Structure: Rip Rap
Address: Little Harbor Shoreline
Owner: Town of Falmouth
Location on waterfront: Little Harbor
Remarks:

5

Structure: Stone Jetty

Address: Woods Hole Rd.

Owner: Private Residence

Location on waterfront: Little Harbor

Remarks:

6

Structure: Sea Wall

Address: Little Harbor

Owner: Town of Falmouth

Location on waterfront: Little Harbor

Remarks:

Structure:

7
Sea Wall

Address:

Little Harbor

Owner:

Town of Falmouth

Location on waterfront:

Little Harbor

Remarks:

Structure:

8
Bulkhead and Pier off private residence

Address:

Woods Hole Rd

Owner:

Thomas H. Balantine

Location on waterfront:

Little Harbor

Remarks:

9

Structure: Bulkhead, Town Landing and Pier
Address: Woods Hole Rd.
Owner: Town of Falmouth
Location on waterfront: Little Harbor

Remarks:

10

Structure: Wharf
Address: Woods Hole Rd.
Owner: United States Coast Guard
Location on waterfront: Little Harbor
Remarks:
Corps of Engineers Permit #780561 dated 11 September 1978
for placement of pilings.

Structure:

11
Stone Jetty and Dock

Address:

Hinckley Rd.

Owner:

Charles M. Crane

Location on waterfront:

Little Harbor

Remarks:

Structure:

12
Private pier with pilings

Address:

Hinckley Rd.

Owner:

Max M. Burger

Location on waterfront:

Little Harbor

Remarks:

Commonwealth of Massachusetts permit #155, record #840178
Corps of Engineers Permit #840878 dated 27 December 1984
for pier and pilings

13

Structure: Rip Rap

Address: Little Harbor shoreline
Owner: Town of Falmouth
Location on waterfront: Little Harbor

Remarks:

14

Structure: Shoreline

Address: Little Harbor
Owner: access is owned by various private individuals
Location on waterfront: Little Harbor
Remarks:

15

Structure: Stone Jetty and Dock
Address: Hinckley Rd.
Owner: Silvia Crane
Location on waterfront: Great Harbor

Remarks:

15

Stone Jetty and Dock

Address: Hinckley Rd.
Owner: Silvia Crane
Location on waterfront: Great Harbor

Remarks:

16

Structure: Wharf
Address: Railroad Ave.
Owner: Woods Hole/Nantucket Steamship Authority
Location on waterfront: Great Harbor
Remarks:
Corps of Engineers Permit #881290, dated 3 April 1989
Commonwealth of Massachusetts permit #1989, record #880146

17

Structure: Wooden Bulkhead with Pier

Address: Woods Hole Rd.

Owner: Naushon Trust

Location on waterfront: Great Harbor

Remarks:

Landfall Restaurant occupies this bulkhead.

18

Structure: Bulkhead with docking capabilities

Address: Water St.

Owner: William A. Estes

Location on waterfront: Great Harbor

Remarks:

19

Structure: Bulkhead and Pier

Address: Water St.

Owner: Fishmonger's Restaurant

Location on waterfront: Great Harbor

Remarks:

Fishmonger's Cafe occupies this bulkhead.

20

Structure: Steel Bulkhead

Address: Dyers Dock.

Owner: Woods Hole Oceanographic Institute

Location on waterfront: Great Harbor

Remarks:

Corps of Engineers permit #883601 dated 17 November 1988

Commonwealth of Massachusetts permit #2074, record #880232

Structure:

21
Wharf

Address:

Water St.

Owner:

Marine Biology Laboratory

Location on waterfront: Great Harbor

Remarks:

Structure:

22
Sea Wall

Address:

Water St. shoreline

Owner:

Town of Woods Hole

Location on waterfront:

Great Harbor

Remarks:

23
Structure: Sea Wall containing a bay side park
Address: Water St.
Owner: Town of Woods Hole
Location on waterfront: Great Harbor
Remarks:

24
Structure: Stone Jetties and Dolphin Piers
Address: Albatross and Water Streets
Owner: U.S. Fish Commission
Location on waterfront: Great Harbor
Remarks:
Commonwealth of Massachusetts permit #1751, record #80037
Corps of Engineers permit #790455 dated 21 January 1980
for dolphin piers and catwalk.

25

Structure: Town Landing and Jetty

Address: Albatross St.

Owner: Town of Woods Hole

Location on waterfront: Great Harbor

Remarks:

26

Structure: Wood constructed piers, pilings

Address: Bar Neck Rd.

Owner: Woods Hole Marina

Location on waterfront: Great Harbor

Remarks:

27
Structure: Town Landing
Address: Bar Neck Rd.
Owner: Town of Woods Hole
Location on waterfront: Great Harbor
Remarks:

28
Structure: Stone Bulkhead
Address: Bar Neck Rd.
Owner: Private Residence
Location on waterfront: Great Harbor
Remarks:

29

Structure: Stone Jetty, Dock

Address: Bar Neck
Owner: Private Residence
Location on waterfront: Great Harbor

Remarks:

40

Structure: Bulkhead

Address: Water St.
Owner: Woods Hole Oceanographic Institute
Location on waterfront: Eel Pond

Remarks:

Corps of Engineers Permit #881665, to permit moorings
Commonwealth of Massachusetts permit #2074, record #880232

Structure:

41
Bulkhead

Address:

School St.

Owner:

Private Residence

Location on waterfront: Eel Pond

Remarks:

Structure:

42
Sea Wall

Address:

School St.

Owner:

Town of Woods Hole School Dept.

Location on waterfront: Eel Pond

Remarks:

43

Structure: Stone Bulkhead

Address: School Streets
Owner: Private Residence
Location on waterfront: Eel Pond

Remarks:

44

Structure: Stone Wharf and Timber piers

Address: Albatross St.
Owner: Marine Biology Laboratory
Location on waterfront: Eel Pond
Remarks:
Corps of Engineers permit #850281 dated 14 May 1985 for
timber platform

45
Structure: Town Landing

Address: Albatross St.
Owner: Town of Woods Hole
Location on waterfront: Eel Pond

Remarks:
Corps of Engineers Permit #850051 dated 29 January 1985 to
reconstruct town landing.

46
Structure: Bulkhead, wood construction

Address: Water St.
Owner: Shirley Baker
Location on waterfront: Eel Pond

Remarks:
The Black Duck Restaurant occupies this bulkhead.

47

Structure: Wood Bulkhead

Address: Water St.

Owner: William F. Crowley

Location on waterfront: Eel Pond

Remarks:

Captain Kid Restaurant occupies this bulkhead

48

Structure: Wooden Bulkhead

Address: Water St.

Owner: Marine Biology Laboratory

Location on waterfront: Eel Pond

Remarks: